



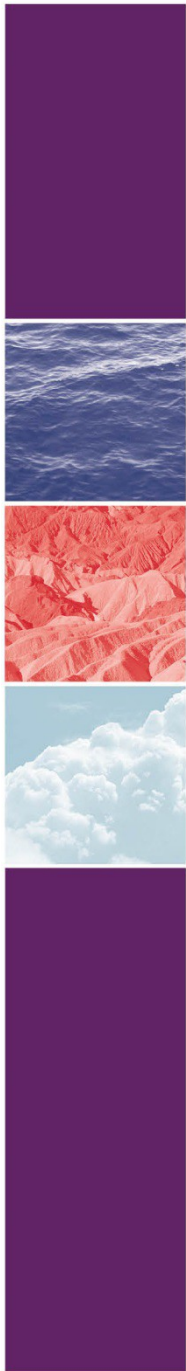
AUSTRALIAN  
DEFENCE FORCE

# Integration of the Joint Force

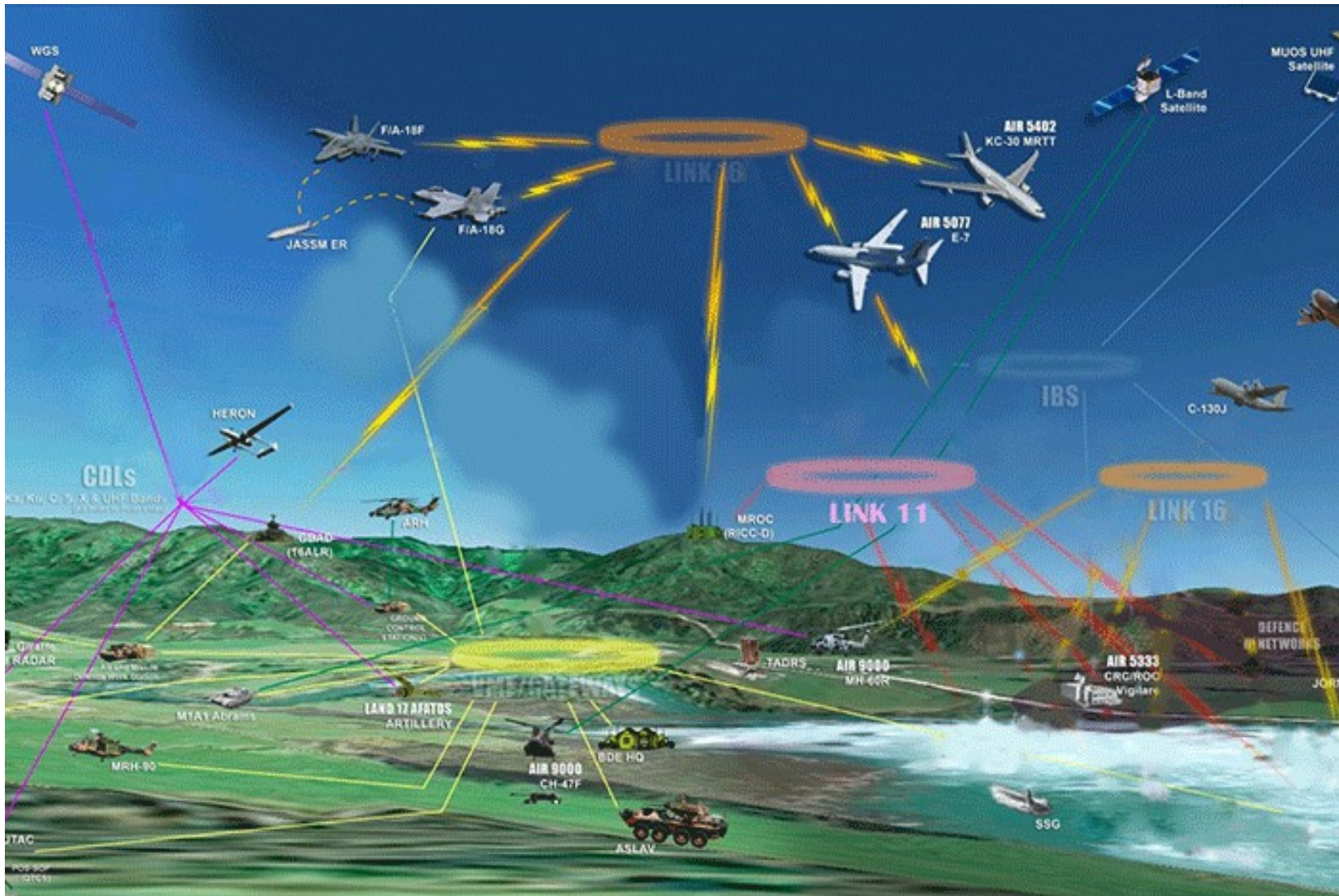
Tactical Data Link Summit – IDL Society – 12 Nov 2018

**AIRCDRE David Scheul**

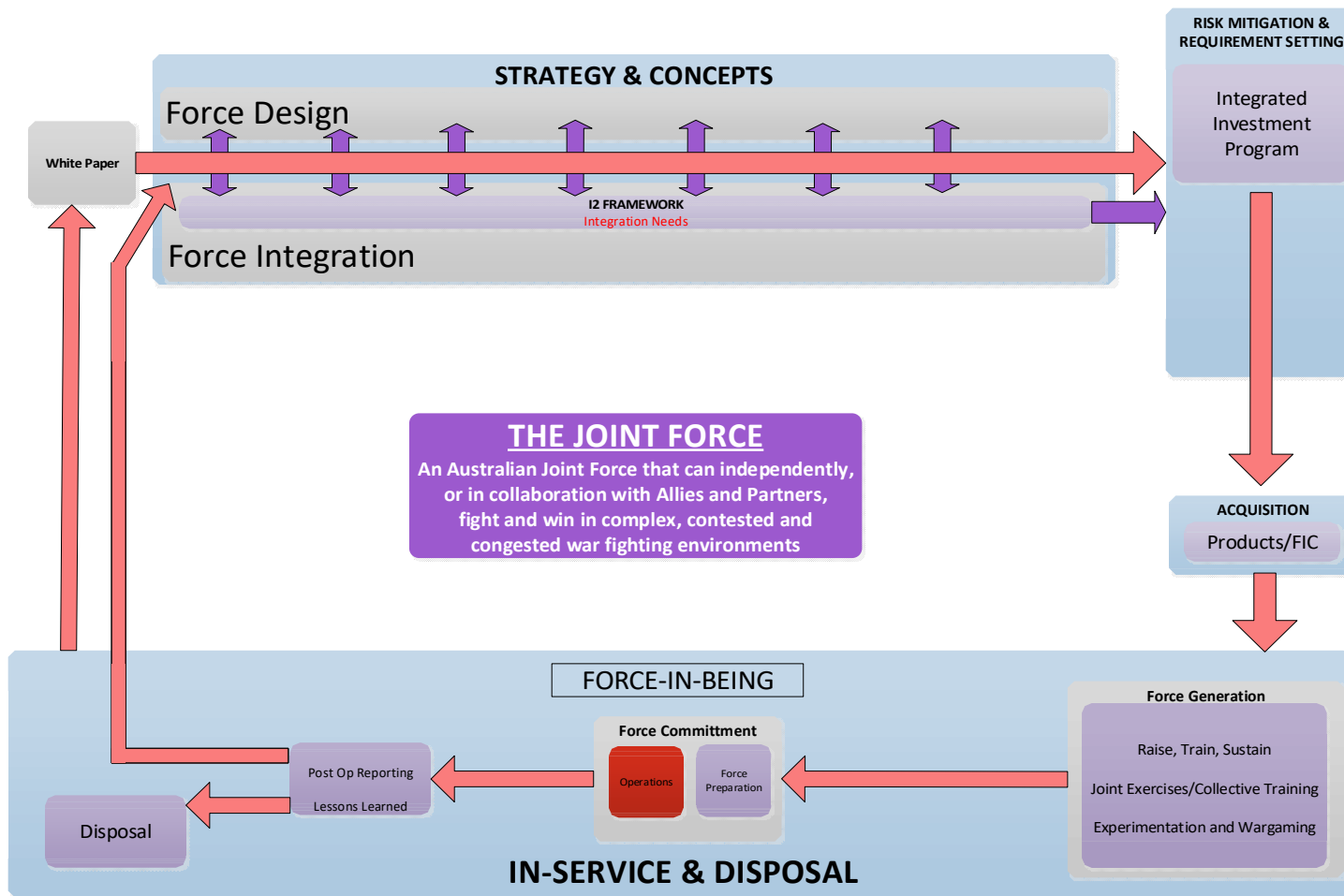
DG Capability Integration, Test and Evaluation



# Challenges to Integration

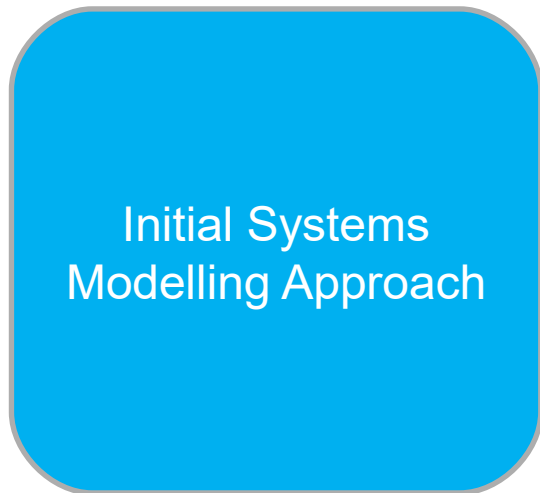


# Integrated Capability Realisation and Capability Lifecycle

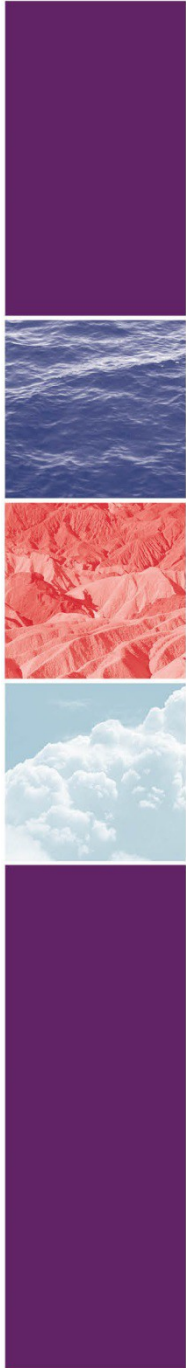
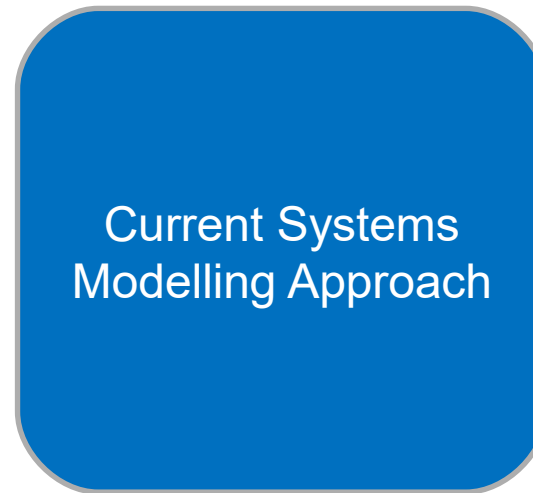


# C4ISR Design

Base-line comprehensive  
Future Design

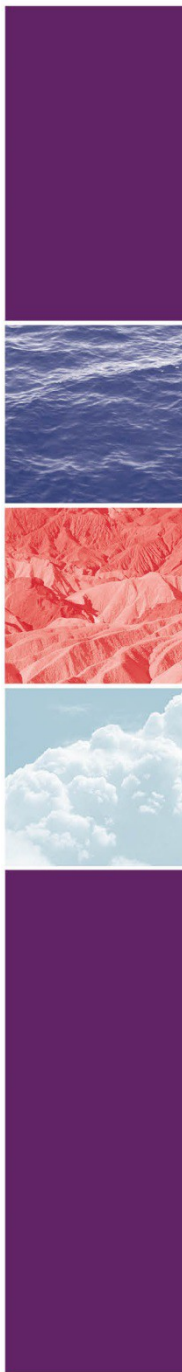


Repeatable patterns,  
rules and guidance



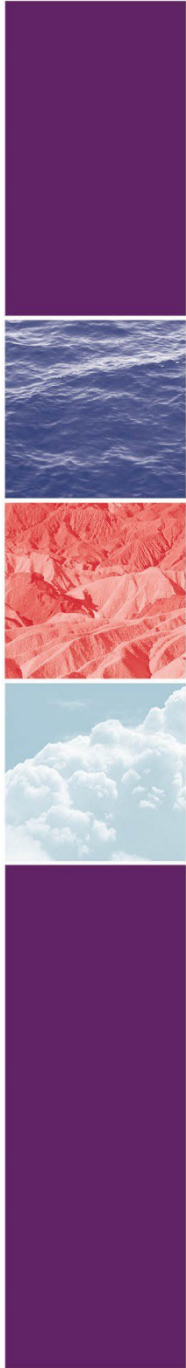
# C4ISR Design Approach

- Focus on how we should do C4ISR
  - for small focused areas
  - to answer specific questions
  - or address known gaps or lessons learned
- Operational Design Patterns
  - What we need to do
  - Not rigid architectures
  - Sets of rules that can be applied as new capability or operational requirements are identified OR
  - Criteria to be considered when acquiring new capabilities



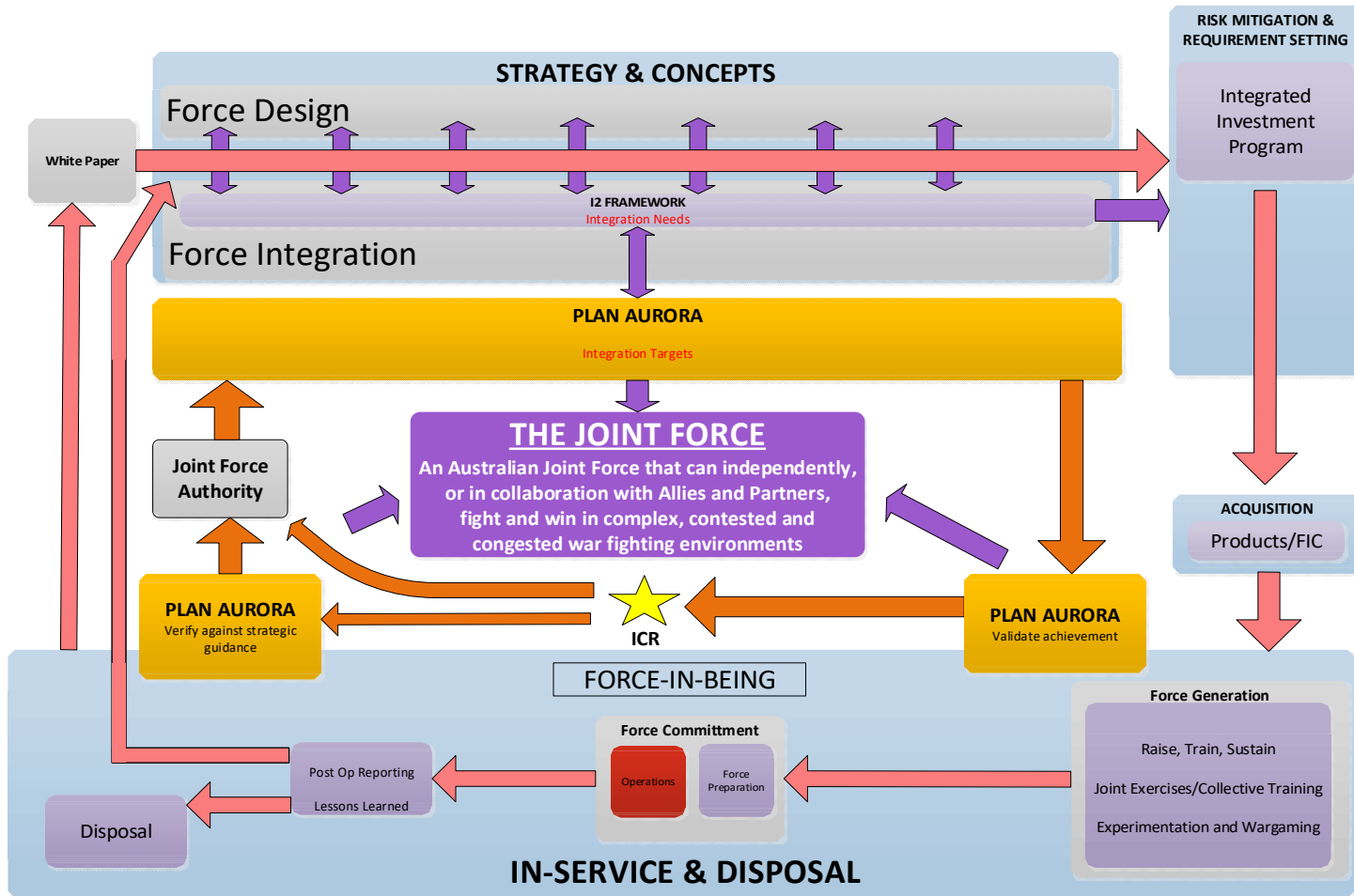
# C4ISR Design - ODPs

- ▣ Completed
  - Theatre Anti-Submarine Warfare (TASW)
  - Collaborative Precision Geolocation (CPG)
- ▣ Under Development
  - Position Navigation and Timing (PNT)
  - C2 Remotely Operated Systems (C2 ROS)
  - Joint Command and Control (Joint C2)
  - Mission Data Processing (MDP)



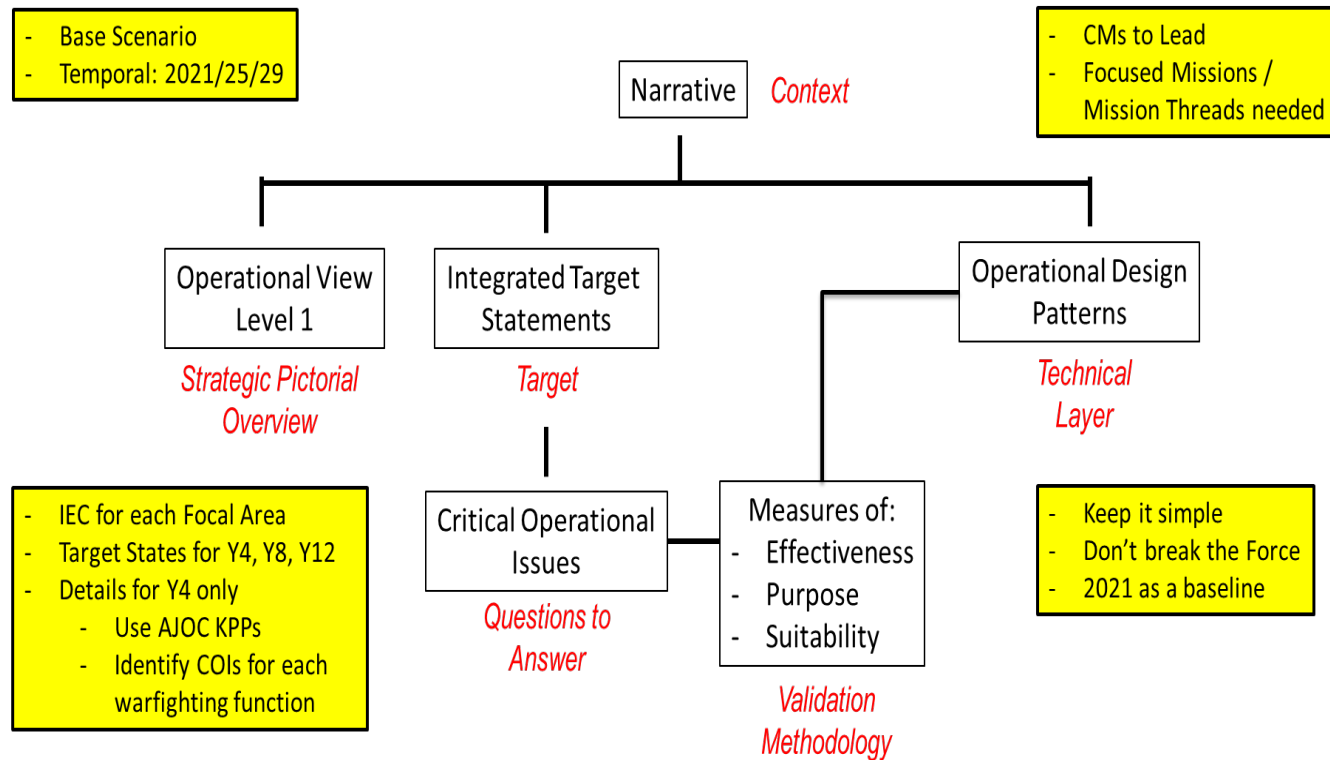


# Integrated Capability Realisation and Capability Lifecycle





# Integrated Employment Concepts

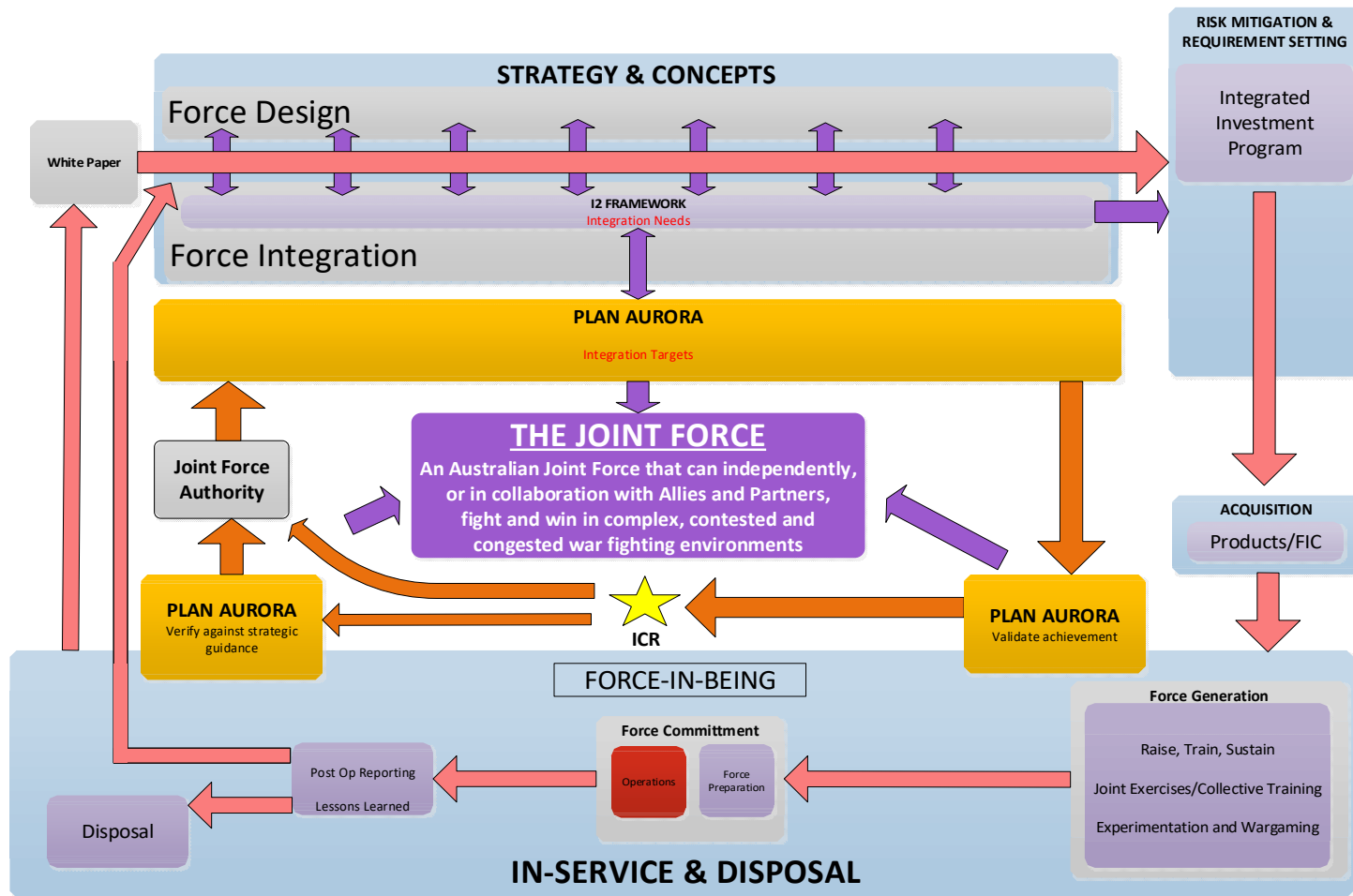




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# Integrated Capability Realisation and Capability Lifecycle







# PLAN AURORA

**Integrated Capability Realisation for the ADF**